BOARD OF INTERMEDIATE EDUCATION, KARACHI

Schemes of Subjects
&
Model Question Papers

For
The

Annual Examinations-2023

INDEX

بورڈ آف انٹرمیڈیٹ ایجوکیشن، کراچی

سالانہ اور سالانہ دوم امتحانات ۲۰۲۳ء میں ممتحن اور طلبہ وطالبات کے لیے اہم ہدایات
اردو (لازمی) مادری زبان پرچہ (اوّل)

حصّہ (الف) کثیر الانتخابی سوالات 20%

سوال نمبر ۱:۔ (۲۰ کثیر الانتخابی سوالات منتخب کرنے ہیں) نمبر (۲۰)

(کثیر الانتخابی سوالات پورے نصاب (دس حصّہ نثر اور دس حصّہ شاعری سے بنائے جائیں گے۔)

حصّہ (ب) مختصر جواب کے سوالات 40%

سوال نمبر ۲:۔ (دیے گئے پانچ اشعار میں سے صرف دو اشعار کی تشریح شاعر کے حوالے اور مختصر تعارف کے ساتھ تحریر کیجیے) نمبر (۱۰)

(اشعار غزلیات میں سے دیے جائیں گے۔)

سوال نمبر ۳:۔ (دیے گئے تین اقتباسات میں سے صرف ایک کی تشریح سبق اور مصنف کے حوالے اور مختصر تعارف کے ساتھ تحریر کیجیے) نمبر (۱۰)

تشریح کے لیے اسباق

قومی اتفاق۔ زبانِ گویا۔ تخلیق کائنات۔ کچھ ذریعہ تعلیم کے باب میں

سندھی شاعری کے تراجم تھر کی نادیہ کماچی ملکہ بلقیس کا محل خطوطِ: غالب، اقبال اور مشفق خواجہ

سوال نمبر ۴:۔ (دیے گئے ایک بند کی تشریح شاعر اور نظم کے حوالے کے ساتھ تحریر کیجیے) نمبر (۱۰)

یا۔۔۔۔۔۔۔ دی گئی تین نظموں میں کسی ایک نظم کا مرکزی خیال شاعر کے مختصر تعارف کے ساتھ تحریر کیجیے۔

بند کی تشریح اور مرکزی خیال کے لیے نظمیں

رہے نام اللہ کا۔ داستان تیاری میں باغ کی۔ یارب چمن نظم کو گلزار ارم کر۔ چپ کی داد مردِ مسلمان نوائے سروش

سوال نمبر ۵:۔ درج ذیل میں سے کسی ایک سبق کا خلاصہ اور مصنف کا مختصر تعارف تحریر کیجیے نمبر (۱۰)

خلاصے کے لیے اسباق

فاقے میں روزہ زیور کا ڈبا بابا نور آبِ حیات میدانِ جنگ

بیگم کی بلی خواہ مخواہ کی لڑائی مجبوریاں ایک انار و صد بیمار

یا۔۔۔۔۔۔۔ دیے گئے آٹھ مختصر سوالات میں سے صرف پانچ کے مختصر جوابات تحریر کیجیے۔ (مختصر سوالات کتاب کی مشقوں سے دیے جائیں گے)

حصّہ (ج) تفصیلی جواب کے سوالات 40%

سوال ۶:۔ دیے گئے تین شعراء میں سے کسی ایک کی شاعرانہ خصوصیات تحریر کیجیے۔ (حصّہ غزل سے دو اور حصّہ نظم سے ایک شاعر دیا جائے گا) نمبر (۲۰)

مختص شعراء

خواجہ میر دردؔ میر تقی میرؔ خواجہ حیدر علی آتشؔ مرزا غالبؔ حسرتؔ موہانی احسان دانش نظیرؔ اکبر آبادی علامہ اقبالؔ

سوال ۷:۔ دیے گئے تین نثر نگاروں میں سے کسی ایک کی نثری خصوصیات تحریر کیجیے۔ نمبر (۲۰)

مختص نثر نگار

سر سید احمد خان خواجہ حسن نظامی منشی پریم چند احمد ندیم قاسمی آغا حشر کاشمیری امتیاز علی تاج شوکت تھانوی ابن انشاء

یا دیئے گئے دو موضوعات میں سے کسی ایک پر مضمون تحریر کیجیے۔ (مضمون دورِ حاضر کے موضوعات سے دیے جائیں گے۔)

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بورڈ آف انٹرمیڈیٹ ایجوکیشن، کراچی

سالانہ اور سالانہ دوم امتحانات ۲۰۲۳ء میں ممتحن اور طلبہ وطالبات کے لیے اہم ہدایات

اردو (لازمی) مادری زبان پرچہ (دوم)

حصّہ (الف) کثیرالانتخابی سوالات 20%

سوال نمبر۱:۔ (۲۰ کثیرالانتخابی سوالات منتخب کرنے ہیں) نمبر (۲۰)

(کثیرالانتخابی سوالات پورے نصاب (دس حصّہ نثر اور دس حصّہ شاعری سے بنائے جائیں گے۔)

حصّہ (ب) مختصر جواب کے سوالات 40%

سوال نمبر۲:۔ (دیے گئے پانچ اشعار میں سے صرف دو اشعار کی تشریح شاعر کے حوالے اور مختصر تعارف کے ساتھ تحریر کیجیے) نمبر (۱۰)

(اشعار غزلیات میں سے دیے جائیں گے۔)

سوال نمبر۳:۔ (دیے گئے تین اقتباسات میں سے صرف ایک کی تشریح سبق اور مصنف کے حوالے اور مختصر تعارف کے ساتھ تحریر کیجیے) نمبر (۱۰)

(اقتباسات حصہ سوانح شخصیت اور مضامین میں سے دیے جائیں گے)

سوال نمبر۴:۔ (دیے گئے ایک بند کی تشریح شاعر اور نظم کے حوالے کے ساتھ تحریر کیجیے) نمبر (۱۰)

یا

دی گئی تین نظموں میں کسی ایک نظم کا مرکزی خیال شاعر کے مختصر تعارف کے ساتھ تحریر کیجیے۔

(بند اور مرکزی خیال حصہ نظم میں سے دیے جائیں گے)

سوال نمبر۵:۔ (دیے گئے تین، افسانے اور ڈرامے میں سے صرف ایک افسانے یا ڈرامے کا خلاصہ لکھنے والے کے مختصر تعارف کے ساتھ تحریر کیجیے) نمبر (۱۰)

(خلاصے افسانے اور ڈرامے میں سے دیے جائیں گے)

یا

دیے گئے آٹھ مختصر سوالات میں سے صرف پانچ کے مختصر جوابات تحریر کیجیے۔

(مختصر سوالات کتاب کی مشقوں سے دیے جائیں گے)

حصّہ (ج) تفصیلی جواب کے سوالات 40%

سوال۶:۔ دیے گئے تین شعراء میں سے کسی ایک کی شاعرانہ خصوصیات تحریر کیجیے۔ (حصہ غزل سے دو اور حصّہ نظم سے ایک شاعر دیا جائے گا) نمبر (۲۰)

سوال۷:۔ دیے گئے تین نثر نگاروں میں سے کسی ایک کی نثری خصوصیات تحریر کیجیے۔ نمبر (۲۰)

یا دیئے گئے دو موضوعات میں سے کسی ایک پر مضمون تحریر کیجیے۔ (مضمون دورِ حاضر کے موضوعات سے دیے جائیں گے۔)

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BOARD OF INTERMEDIATE EDUCATION, KARACHI

ENGLISH (C) NORMAL PAPER-I (MODEL PAPER)
Annual Examination - 2023

Max. Marks: 20 **SECTION 'A' MCQs** **Time: 20 Minutes**

1. Choose the correct answer for each from the given options:

i) This is a strong retreat for a truly happy man according to the poem 'The Character of a Happy Life':
*home *conscience* *wealth *friends

ii) 'For thirty pence our Saviour was sold,' is a line from this poem:
*Ozymandias *The Character of a Happy Life *Lucy Gray ***The Abbot of Canterbury**

iii) In the line **'**When he might have captured **the victor's cup,'** the highlighted phrase is metaphorically used for:
*prize *failure ***success** *trophy

iv) 'Boundless and bare' is an example of this poetic device:
*oxymoron *onomatopoeia *metaphor ***alliteration**

v) Khahoris follow the spiritual path and symbolise the search of:
*serpents *dreams *herbs ***reality**

vi) The central character in the play 'A Visit to a Small Planet' is:
*John Randolph *Roger Spelding * **Kreton***Ellen

vii) Kreton thought that the views of John about Ellen are:
*red ***purple** *yellow *pink

viii) Kreton considered human civilization as:
*modern***primitive***conservative*progressive

ix) The word "folk" means:
*children*men*women***people**

x) Roger Spelding wants to be the first journalist to interview:
*General Powers ***Kreton** *Ellen*John

xi) E.B. White revisited the lake with his son in:
***summer** * winter * autumn *spring

xii) Mathilde seemed happiest when she:
*received the invitation*danced in the party*bought a new dress***borrowed the necklace**

xiii) According to the author Ralph Waldo envy is:
* bliss *evil *suicide ***ignorance**

xiv) During World War II, transmission of information was in the form of:
* material * electric * **analogue** * catalogue

xv) A group of people travelling together is called as:
*sages *crew ***caravan** *shrewd men

xvi) The cleaning staff __infected the area to avoid the spread of coronavirus (identify the correct prefix):
re **dis** *un *mis

xvii) In the sentence 'There is a large demand all over the United States for plants **indigenous** to the desert,' the word 'indigenous' means:
***native** *necessary*foreign*alien

xviii) In the sentence 'He <u>**runs**</u> fast,' the underlined verb is:
*transitive ***intransitive** *auxiliary *modal

xix) In the sentence 'I <u>**run**</u> a business successfully,' the underlined verb is:
***transitive** *intransitive *auxiliary *modal

xx) The comparative degree of the word **little** is:
*littler*more little ***less***more less

BOARD OF INTERMEDIATE EDUCATION, KARACHI

ENGLISH (C) NORMAL PAPER-I (MODEL PAPER)

Annual Examination - 2023

TIME: 2 Hours 40 minutes **Max. Marks: 40**

SECTION B (SHORT-ANSWER QUESTIONS)

Note: Attempt **TEN** part-questions from this section, including at least **TWO** part-questions from each sub-section. All questions carry equal marks.

SUB-SECTION I (Reading Comprehension)

2. i) Which is the greatest curse according to the Quaid-e-Azam? Explain.
ii) What are the benefits of E-Commerce in today's world?
iii) What mistake did Stephen Leacock make when he wrote the cheque?
iv) Why should you choose a career that interests you?

SUB-SECTION II (POETRY)

v) Discuss the poem 'The Character of a Happy Life' with reference to the line; "And having nothing yet hath all."
vi) What irony has been presented in the poem Ozymandias?
vii) What reward does a Khahori get after his hard work?
viii) Identify the poem and the poetic devices used in the following lines:

Where thickest lies the forest growth
We find the patriarchs of both.
And they hold counsel with the stars
whose broken branches show the scars
of many winds and much of strife.
This is the common law of life.

SUB-SECTION III (Play- "A Visit to a Small Planet")

ix) Why was Kreton interested in visiting the planet "Earth"?
x) Describe the reactions of different characters to Kreton's visit?
xi) How is media portrayed in the play?
xii) Which character in the play "A Visit to a Small Planet" do you like most and why?

SUB-SECTION IV (Grammar)

xiii) **Change the narration.**
a) The manager said to the customer, "Get out of my office."
b) He said, "The earth is round."
c) Raza said, "I must arrange a couple of things."
d) She said, "Be quite and listen to my words."
e) She said to me, "What are you doing now?"

xiv) **Change the voice:**
a) He has to purchase a car.
b) Let her write a poem.
c) Why did you help her?
d) Who did this?
e) Someone killed the criminal.

xv) **Spot the errors and do the correction of verb, preposition and adjective in the following sentences:**
a) He does his homework at the afternoon.
b) The lamp will be lit on 8.00 pm.
c) She clean her room every day.
d) They have make a cake on their birthday.
e) My bed is more big than my desk.

xvi) **Do as directed:**
a) Do you play tennis said Bilal (Punctuate)
b) If I were you, ………. (Complete the sentence)
c) My brother does not write letters to his friends. (Put the adverb '**usually'** in the right place)
d) He could not win a scholarship. He is careless. (Make a compound sentence)
e) You _____ visit your dentist at least twice a year. (Insert modal verb showing advice)

SECTION 'C' (DETAILED-ANSWER QUESTIONS) (Max. Marks: 40)

Note: Attempt all questions from this section.

Q3. Read the following passage and answer the questions that follow: **OR**
Make a précis of the passage and suggest a suitable title to it.

Harland Sanders was born in the USA in 1890s but his childhood wasn't a happy one. His father died when he was only six. So, his mother needed to find a job. She went to work in a shirt factory and Harland stayed at home to look after his younger brother and sister. That was when he first learned to cook. He left home when he was twelve

Continued on the next page……….

and worked on a nearby farm. After that he had a lot of different jobs and in 1950 he became a service station manager in Corbin Kentucky. He started cooking meals for hungry travellers who stopped at the service station and soon people came only for the food. Harland moved to 142 seat restaurant across the street. Where he could serve all his customers. Over the next nine years he developed the secret chicken recipe that made him famous. In the early 1950s he closed the restaurant and decided to sell his recipe to other business. The first official Kentucky fried chicken restaurant didn't open until August 1952---- by 1964 there were more than 600 KFCs in North America. That year Sanders sold the company for $ 2 million, but he continued to work as KFC's public spokesman and visited restaurants all over the world. He travelled every year until he died in 1980 aged 90. There are now KFC restaurants in more than 80 countries and they sell 2.5 billion chicken dinners every year and the recipe is still a secret.

a. How long did it take Sanders to develop his secret chicken recipe?
b. What did Sanders do after he had sold his company?
c. Give a suitable title to the passage.
d. Identify regular and irregular verbs
 i) left ii) went iii) needed iv) stayed

Q4. Write a formal email to your college Principal asking / requesting him to allow your team to participate in Sindh Inter- College Cricket Tournament.

OR

Write a Report about student week held in the college (Including events, days and dates).

Q5. Write a narrative account of an incident that influenced you greatly.

OR Write an essay to compare and contrast on any one of the following:
 i) Physical Classes v/s Online Classes
 ii) Football v/s Cricket

Q6. Draft a covering letter with a CV in response to the following advertisement:
A well- reputed Business organization needs the services of a computer- literate graduate with a dynamic personality to work as a MANAGER Send a detailed C.V./Resume to BOX N0 7866 C/O Dawn Karachi.

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بورڈ آف انٹرمیڈیٹ ایجوکیشن، کراچی

سالانہ امتحانات ۲۰۲۳ء میں ممتحن اور طلبہ و طالبات کے لیے اہم ہدایات

اسلامی تعلیم (لازمی)

حصّہ (الف) کثیرالانتخابی سوالات 20%

سوال نمبر ۱۔ (۱۰ کثیرالانتخابی سوالات منتخب کرنے ہیں) نمبر (۱۰)

(کثیرالانتخابی سوالات پورے نصاب سے بنائے جائیں گے۔)

حصّہ (ب) مختصر جواب کے سوالات 40%

نوٹ: تمام سوالات لازمی ہے۔

سوال نمبر ۲: دی گئی چھ قرآنی آیات واحادیث میں سے کسی چار کا اردو، سندھی یا انگریزی میں ترجمہ کیجیے۔ نمبر (۸)

آیات واحادیث کتاب میں دی گئی منتخب آیات واحادیث سے دی جائیں گی۔

سوال نمبر ۳: دیے گئے آٹھ میں سے چار جزوی سوالات کے جوابات تحریر کیجیے، تمام سوالات کے نشانات مساوی ہیں۔ نمبر (۱۲)

(سوالات کے انتخاب میں مکمل نصاب کو مدِنظر رکھنا لازمی ہے)

حصّہ (ج) تفصیلی جواب کے سوالات 40%

نوٹ: اس حصّے میں ۴ تفصیلی سوالات دیئے جائیں گے جس میں سے ۲ سوالات کے جوابات مطلوب ہوں گے اور ہر سوال کے ۱۰ نمبر ہوں گے۔ نمبر (۲۰)

(سوالات کے انتخاب میں مکمل نصاب کو مدِنظر رکھنا لازمی ہے)

۴۔
۵۔

۶۔
۷۔

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BOARD OF INTERMEDIATE EDUCATION, KARACHI

Scheme & the Structure for Paper Setting work for
Annual & Bi Annual Examinations 2023

Pakistan Studies (Compulsory)

For (All Groups)

Duration: 2 hours | *Marks: 50*

Section 'A':

Multiple Choice Questions (20%) 10 marks

Multiple Choice Question must be covered complete Syllabus of Pakistan Studies (Compulsory)

- *Each MCQs carry 1 mark*
- *Given MCQs will be = 10 MCQs*
- *All MCQs to be answered*

Section 'B':

Short Answer Questions (40%) 20 marks

Short Answer Question must be given from the prescribed Syllabus all content are to be followed.

Eight **(08)** Short Answer Questions given Each Question having **(4 Marks).** In this Section Student shall attempt (**5 Questions)** from the given **(10 Short Answer Questions)**.

Section 'C':

Detailed Answer Questions (40%) 20 Marks

Detailed Answer Questions must be given from prescribed Syllabus all content are to be followed.

Four **(04)** Detailed Answer Questions have been given and ***(02 Questions)*** are to be answered and each Question having **(10 Marks).**

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Board of Intermediate Education, Karachi

INTERMEDIATE EXAMINATION – 2023 (ANNUAL)

MATHEMATICS PAPER – 1 (MODEL QUESTION PAPER)

Time: 20 minutes **SECTION – A** **Maximum Marks: 20**

Multiple Choice Questions

Note: (i). This section consists of20 part questions and all are to be answered. Each question carries one marks.
(ii). Do not copy the part questions in your answer-book. Fill the circle of correct option.
(iii). The use of calculator is allowed. All notations are used in their usual meanings.

Q. 1. Choose the correct answer for each of the given options.

i). The real part of $\frac{2+i}{i}$ is equal to:
* 1 * 2 * -1 * $\frac{1}{2}$

ii). $\left(\frac{1+i}{1-i}\right)^{12} =$
* 1 * -1 * i * $-i$

iii). Let k be a scalar and A, B, C be the square matrix of the same order, then $(k\,ABC)^t =$
* $k\,A^tB^tC^t$ * $k\,C^tB^tA^t$ * $k\,ABC$ * $k\,CBA$

iv). If A is idempotent matrix, then:
* $A^2 = 1$ * $A^2 = 0$ * $A^2 = A$ * $A^2 = A^t$

v). The distance of the point $(-3, 4, 5)$ from the origin is:
* 50 * $5\sqrt{2}$ * 6 * $2\sqrt{5}$

vi). A sequence is a function whose domain is set of:
* *integers* * *rational numbers* * *natural numbers* * *real numbers*

vii). Let r be the common ratio of a geometric series, if $|r| > 1$, then infinite geometric series is:
* *convergent* * *divergent* * *undefined* * *harmonic series*

viii). $\sum_{n=40}^{46} 100\, n^0 =$
* 100 * 46 * 600 * 4600

ix). The product of number 16.17.18.19 is also equal to:
* ${}^{20}P_4$ * ${}^{20}C_4$ * ${}^{19}P_4$ * ${}^{19}C_4$

x). Two teams A and B are playing a match, the probability that team A wins is:
* $\frac{1}{3}$ * $\frac{2}{3}$ * $\frac{1}{2}$ * 1

xi). $1 + 2x + 3x^2 + 4x^3 + \cdots =$
* $(1+x)^{-1}$ * $(1-x)^{-1}$ * $(1+x)^{-2}$ * $(1-x)^{-2}$

xii). Domain of the function $f(x) = \frac{2x-3}{4x-5}$ is the set of all real numbers except
* $\frac{3}{2}$ * 3 * $\frac{5}{4}$ * 5

xiii). The function $f(\theta) = \cos^3\theta$ is an/a:
* *even* * *odd* * *linear* * *neither even nor odd*

xiv). Solution space of linear inequality $2x + 3y \le 6, \forall\, x, y \in \mathbb{R}$, includes all points
* *above the line* * *below the line*
* *on and above the line* * *on and below the line*

xv). The feasible solution which maximizes or minimizes the objective function is called the:
* *optimal solution* * *corner solution*
* *initial solution* * *complex solution*

xvi). A group of angles are allied angle of basic angle θ, if sum or difference of any two of them gives the integral multiple of:
* 90^o or $\frac{\pi}{2}$ radians * 180^o or π radians * 30^o or $\frac{\pi}{6}$ radians * 45^o or $\frac{\pi}{4}$ radians

xvii). A circle, which passes through all vertices of a triangle is called the:
* *circum circle* * *incircle* * *tri − circle* * *e − circle*

xviii). In any equilateral triangle ABC, with usual notations, $r{:}R{:}r_1 =$
* $1{:}2{:}3$ * $3{:}2{:}1$ * $1{:}3{:}2$ * $1{:}1{:}1$

xix). $\sec\left[\sin^{-1}\left(-\frac{1}{2}\right)\right] =$
* $\frac{2}{\sqrt{3}}$ * $\frac{\sqrt{3}}{2}$ * $\frac{1}{2}$ * $-\frac{2}{\sqrt{3}}$

xx). The solution of $\sqrt{2}\sin\theta - 1 = 0$ in the interval $\left[\frac{\pi}{2}, \pi\right]$ is:
* $\frac{\pi}{4}$ * $\frac{3\pi}{4}$ * $\frac{5\pi}{4}$ * $\frac{7\pi}{4}$

Board of Intermediate Education, Karachi

INTERMEDIATE EXAMINATION – 2023 (ANNUAL)
MATHEMATICS PAPER – 1 (MODEL QUESTION PAPER)

Time: 02 hours 40 minutes **Maximum Marks: 80**

Note: Attempt any ten parts from Section 'B' and any five questions from Section 'C'. Write your answers neatly and legibly. Graph paper will be provided on request.

SECTION – B
(Short-Answer Questions – Marks 40)

Note: Attempt any **TEN** parts from this section. All questions carry equation marks. **(10 × 4 = 40 marks)**

Q. 2. i). Solve the quadratic equation $z^2 - 6z = -13$ by completing the squares, where z is a complex number.

ii). Find the period of the following periodic matrix.

$$\begin{bmatrix} 1 & -2 & -6 \\ -3 & 2 & 9 \\ 2 & 0 & -3 \end{bmatrix}$$

iii). Without expanding determinants, prove that.

$$\begin{vmatrix} \alpha & \beta\gamma & \alpha\beta\gamma \\ \beta & \gamma\alpha & \alpha\beta\gamma \\ \gamma & \alpha\beta & \alpha\beta\gamma \end{vmatrix} = \begin{vmatrix} \alpha & \alpha^2 & \alpha^3 \\ \beta & \beta^2 & \beta^3 \\ \gamma & \gamma^2 & \gamma^3 \end{vmatrix}$$

iv). A force of $22N$ is applied to the end of 0.15 meter wrench at an angle of 75 degrees with the axis of rotation. Calculate the magnitude of the moment $\vec{M}_o$ produced by applied force.

v). If the pth term of an H. P. is q, the qth term is p; prove that the $(p+q)th$ term is $\frac{pq}{(p+q)}$.

vi). Find the sum of the following series. $3 + 6 + 21 + 96 + 471 + \cdots to\ n\ terms$

vii). How many words can be formed by 3 vowels and 4 consonants out of 5 vowels and 7 consonants.

viii). Prove the following statemen by mathematical induction. $7^n - 4^n$ is divisible by 3.

ix). Find the point of intersection of the following function graphically.
$f(x) = x + 2$ and $g(x) = x^2 - 4x + 6$

x). Solve the following LP programming problems by graphical method when $x \geq 0, \geq 0$.
Maximize the objective function $z = f(x, y) = 10x + 11y$,
Subject to the constraints $2x + 3y \leq 8$; $6x + 3y \leq 10$.

xi). Express $4\sin\theta + 3\cos\theta$ in the form $r\sin(\theta + \varphi)$, where θ and φ are in first quadrant.

xii). The area of triangle is 3.346 square unit. If $\beta = 20.9^o$, $\gamma = 117.2^o$. Find a and angle α.

xiii). Solve the equation $\cos\theta - \theta = 0$, graphically for the interval $-\frac{\pi}{2} \leq \theta \leq \frac{\pi}{2}$.

xiv). Show that $\text{Tan}^{-1}\left(\frac{1}{6}\right) - \text{Tan}^{-1}\left(\frac{1}{7}\right) = \text{Tan}^{-1}\left(\frac{1}{43}\right)$.

SECTION – C
(Detailed-Answer Questions – Marks 40)

Note: Attempt any **FIVE** parts from this section. All questions carry equation marks. **(5 × 8 = 40 marks)**

Q. 3. Solve the non-homogeneous system of linear equations using Gauss Jordan method.
$2x + 2y - z = 4$ $x - 2y + z = 2$ $x + y = 0$

Q. 4. In a parallelogram $ABCD$, X is the mid-point of $\overrightarrow{AB}$ and Y divides $\overrightarrow{BC}$ in 1:2. Show that if Z divides $\overrightarrow{DX}$ in 6:1 then it also divides $\overrightarrow{AY}$ in $3:4$.

Q. 5. A pair of fair dice in thrown. If the two numbers appearing are different, find the probability that (i) then sum is 10, (ii) the sum is six or less.

Q. 6. If $x = \frac{1}{3} + \frac{1.3}{3.6} + \frac{1.3.6}{3.6.9} + \frac{1.3.6.9}{3.6.9.12} + \cdots$, prove that $x^2 + 2x - 2 = 0$.

Q. 7. The paths of two aeroplanes A and B in the plane are determined by the straight lines $2x - y = 6$ and $3x + y = 4$ respectively. Graphically find the point where the two paths cross each other.

Q. 8. Evaluate. $\sin 20^o \sin 40^o \sin 60^o \sin 80^o$

Q. 9. Find and verify the general solution of the following trigonometric equation.

$$3\tan^2 x + 2\sqrt{3}\tan x = -1$$

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BOARD OF INTERMEDIATE EDUCATION, KARACHI

Scheme & the Structure for Paper Setting work for

Annual & Bi Annual Examinations 2023

Computer Science Paper-I & Computer Science II (Opt-I & II)

For Science General & Humanities **(Regular Group)**

Duration: 3 hours *Marks: 75*

Section 'A':

Multiple Choice Questions (20%) 15 marks

Multiple Choice Question must be covered complete Syllabus of Education

* *Each MCQs carry 1 mark*
* *Given MCQs will be = 15 MCQs*
* *All MCQs to be answered*

Section 'B':

Short Answer Questions (40%) 30 marks

Short Answer Question must be given from the prescribed Syllabus all content are to be followed.

Fifteen **(15)** Short Answer Questions given Each Question having **(3 Marks)**. In this Section Student shall attempt (**10 Questions)** from the given **(15 Short Answer Questions)**.

Section 'C':

Detailed Answer Questions (40%) 30 Marks

Detailed Answer Questions must be given from prescribed Syllabus all content are to be followed.

Five **(05)** Detailed Answer Questions may be given in this section and ***(03 Questions)*** are to be answered and each Question having **(10 Marks).**

There will be no part questions in this section.

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BOARD OF INTERMEDIATE EDUCATION KARACHI

ANNUAL EXAMINATION – 2023

SCIENCE & HUMANITIES GROUPS

STATISTICS

PAPER – I

Time: 3: 00 Hours **Max. Marks: 85**

Paper scheme of XI for annual examinations – 2023 as per steering committee decision

SECTION – 'A' (20%) – (MULTIPULE CHOICE QUESTIOS) – 17 Marks

Q.1 Choose the correct answer from the given option and answer mark on **OMR SHHET**.

i)
ii)
iii)
↕
xvii)

SECTION – 'B' (42%) – SHORT ANSWERS QUESTIONS – 36Marks

Q.2 Answer any **NINE** part questions. All part questions carry equal marks.

i)
ii)
↕
xiv)

SECTION – 'C' (38%) – DETIALED ANSWER QUESTIONS – 32 Marks

NOTE: Answer any **TWO** questions. All questions carry equal marks.

Q.4 – a)
b)
Q.5 – a)
b)
Q.6 – a)
b)

BOARD OF INTERMEDIATE EDUCATION KARACHI

ANNUAL EXAMINATION – 2023

<u>SCIENCE & HUMANITIES GROUPS</u>

STATISTICS

PAPER – II

Time: 3: 00 Hours **Max. Marks: 85**

<u>Paper scheme of XII for annual examinations – 2023 as per steering committee decision</u>

<u>SECTION – 'A' (20%) – (MULTIPULE CHOICE QUESTIOS) – 17 Marks</u>

Q.1 Choose the correct answer from the given option and answer mark on **<u>OMR SHHET</u>.**

i)
ii)
iii)
↕
xvii)

<u>SECTION – 'B' (42%) – SHORT ANSWERS QUESTIONS – 36Marks</u>

Q.2 Answer any **<u>NINE</u>** part questions. All part questions carry equal marks.

i)
ii)
↕
xiv)

<u>SECTION – 'C' (38%) – DETIALED ANSWER QUESTIONS – 32 Marks</u>

<u>NOTE:</u> Answer any **<u>TWO</u>** questions. All questions carry equal marks.

Q.4 – a)
b)
Q.5 – a)
b)
Q.6 – a)
b)

BOARD OF INTERMEDIATE EDUCATION KARACHI
ANNUAL EXAMINATION – 2023
COMMERCE GROUP
STATISTICS
PAPER – II

Time: 2: 00 Hours **Max. Marks: 50**

Paper scheme of XII for annual examinations – 2023 as per steering committee decision

SECTION – 'A' (20%) – (MULTIPULE CHOICE QUESTIOS) – 10 Marks

Q.1 Choose the correct answer from the given option and answer mark on **OMR SHHET.**

i)
ii)
iii)
↕
x)

SECTION – 'B' (40%) – SHORT ANSWERS QUESTIONS – 20Marks

Q.2 Answer any **FIVE** part questions. All part questions carry equal marks.

i)
ii)
↕
viii)

SECTION – 'C' (40%) – DETIALED ANSWER QUESTIONS – 20 Marks

NOTE: Answer any **TWO** questions. All questions carry equal marks.

Q.4
Q.5
Q.6

BOARD OF INTERMEDIATE EDUCATION, KARACHI

Scheme & the Structure for Paper Setting work for ***Annual Examinations 2023***

Economics Paper-I

For **(Science & Humanities Regular & Private)**

Duration: 3 hours *Marks: 100*

Section 'A':

Multiple Choice Questions (20%) *20 marks*

Multiple Choice Question must be covered complete Syllabus of Economics

* *Each MCQs carry 1 mark*

* *Given MCQs will be = 20 MCQs*

* *All MCQs to be answered*

Section 'B':

Short Answer Questions (40%) *40 marks*

Short Answer Question must be given from the prescribed Syllabus all content are to be followed. The Section divided into 2 Parts, which are Micro Economics and Pakistan Economics.

(i) ***Micro Economics:***

Six **(06)** Short Answer Questions given Each Question having **(5 Marks)**. In this Part (Micro Economics) Student shall attempt (**4 Questions)** from the given **(06 Short Answer Questions)**.

(ii) ***Pakistan Economics:***

Six **(06)** Short Answer Questions given Each Question having **(5 Marks)**. In this Part (Pakistan Economics) Student shall attempt (**4 Questions)** from the given **(06 Short Answer Questions)**.

Section 'C':

Detailed Answer Questions (40%) *40 Marks*

Detail Answer Question must be given from the prescribed Syllabus all content are to be followed. The Section divided into 2 Parts, which are Micro Economics and Pakistan Economics.

(iii) ***Micro Economics:***

Question No. 3 (a) & (b)

Question No. 4 (a) & (b)

*Each part question having (**10 marks)***

(iv) ***Pakistan Economics:***

Question No. 5 (a) & (b)

Question No. 6 (a) & (b)

*Each part question having (**10 marks)***

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BOARD OF INTERMEDIATE EDUCATION, KARACHI

Scheme & the Structure for Paper Setting work for ***Annual Examinations 2022***

Economics Paper-II

For (Science & Humanities Regular & Private)

Duration: 3 hours ***Marks: 100***

Section 'A':

Multiple Choice Questions (20%) 20 marks

Multiple Choice Question must be covered complete Syllabus of Economics

* *Each MCQs carry 1 mark*
* *Given MCQs will be = 20 MCQs*
* *All MCQs to be answered*

Section 'B':

Short Answer Questions (40%) 40 marks

Short Answer Question must be given from the prescribed Syllabus all content are to be followed. The Section divided into 2 Parts, which are Micro Economics and Pakistan Economics.

(v) ***Macro Economics:***

Six **(06)** Short Answer Questions given Each Question having **(5 Marks)**. In this Part (Micro Economics) Student shall attempt (**4 Questions)** from the given **(06 Short Answer Questions)**.

(vi) ***Pakistan Economics:***

Six **(06)** Short Answer Questions given Each Question having **(5 Marks)**. In this Part (Pakistan Economics) Student shall attempt (**4 Questions)** from the given **(06 Short Answer Questions)**.

Section 'C':

Detailed Answer Questions (40%) 40 Marks

Detail Answer Question must be given from the prescribed Syllabus all content are to be followed. The Section divided into 2 Parts, which are Micro Economics and Pakistan Economics.

(vii) ***Macro Economics:***

Question No. 3 (a) & (b)

Question No. 4 (a) & (b)

*Each part question having (**10 marks)***

(viii) ***Pakistan Economics:***

Question No. 5 (a) & (b)

Question No. 6 (a) & (b)

*Each part question having (**10 marks)***

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BOARD OF INTERMEDIATE EDUCATION, KARACHI

Scheme & the Structure for Paper Setting work for ***Annual Examinations 2023***

Principle of Economics Paper-I

For (Commerce Regular & Private)

Duration: 3 hours **Marks: 75**

Section 'A':

Multiple Choice Questions (20%) 15 marks

Multiple Choice Question must be covered complete Syllabus of Principle of Economics

- *Each MCQs carry 1 mark*
- *Given MCQs will be = 15 MCQs*
  (8 MCQs from Micro Economics & 7 MCQs from Macro Economics)
- *All MCQs to be answered*

Section 'B':

Short Answer Questions (40%) 30 marks

Short Answer Question must be given from the prescribed Syllabus all content are to be followed. The Section divided into 2 Parts, which are Micro Economics and Macro Economics.

(ix) ***Micro Economics:***
Five **(05)** Short Answer Questions given Each Question having **(5 Marks)**. In this Part (Micro Economics) Student shall attempt (**3 Questions)** from the given **(05 Short Answer Questions)**.

(x) ***Macro Economics:***
Five **(05)** Short Answer Questions given Each Question having **(5 Marks)**. In this Part (Pakistan Economics) Student shall attempt (**3 Questions)** from the given **(05 Short Answer Questions)**.

Section 'C':

Detailed Answer Questions (40%) 30 Marks

Detail Answer Question must be given from the prescribed Syllabus all content are to be followed. The Section divided into 2 Parts, which are Micro Economics and Pakistan Economics.

(xi) ***Micro Economics:***
Two **(02)** Detailed Answer Questions given Each Question having **(15 Marks)**. In this Part (Micro Economics) Student shall attempt (**1 Question)** from the given **(02 Detailed Answer Questions)**.

(xii) ***Macro Economics:***
Four **(02)** Detailed Answer Questions given Each Question having **(15 Marks)**. In this Part (Pakistan Economics) Student shall attempt (**1 Question)** from the given **(02 Detailed Answer Questions)**.

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BOARD OF INTERMEDIATE EDUCATION, KARACHI
Paper Setting Scheme for
Annual & Bi Annual Examinations 2023 Examinations

Physics Paper – I & II

Science (Pre-Engineering, Pre-Medical & Science General Groups)

Section 'A':

Multiple Choice Questions (20%) *17 marks*

Multiple Choice Question must be covered complete Syllabus of Education

- *Each MCQs carry 1 mark*
- *Given MCQs will be = 17 MCQs*
- *All MCQs to be answered*

Section 'B':

Short Answer Questions (40%) *36 marks*

Short Answer Question must be given from the prescribed Syllabus all content are to be followed.

Fourteen **(14)** Short Answer Questions may be given. Each Question having **(4 Marks)**. In this Section Student shall attempt (**9 Questions)**.

Section 'C':

Detailed Answer Questions (40%) ***32 Marks***

Detailed Answer Questions must be given from prescribed Syllabus all content are to be followed.

Three **(03)** Detailed Answer Questions of (**two parts like Question 3.(a)(b), 4.(a)(b) & 5. (a)(b) of 8,8 marks**)may be given in this section and ***(02 Questions)*** are to be answered and each Question having **(16 Marks).**

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BOARD OF INTERMEDIATE EDUCATION, KARACHI

Paper Setting Scheme for

Annual & Bi Annual Examinations 2023 Examinations

Chemistry Paper – I

Science (Pre-Engineering & Pre-Medical Groups)

Section 'A':

Multiple Choice Questions (20%) *17 marks*

Multiple Choice Question must be covered complete Syllabus of Education

- *Each MCQs carry 1 mark*
- *Given MCQs will be = 17 MCQs*
- *All MCQs to be answered*

Section 'B':

Short Answer Questions (40%) *36 marks*

Short Answer Question must be given from the prescribed Syllabus all content are to be followed.

Fourteen **(14)** Short Answer Questions may be given. Each Question having **(4 Marks)**. In this Section Student shall attempt (**9 Questions)**.

Section 'C':

Detailed Answer Questions (40%) **32 Marks**

Detailed Answer Questions must be given from prescribed Syllabus all content are to be followed.

Three **(03)** Detailed Answer Questions may be given in this section and ***(02 Questions)*** are to be answered and each Question having **(16 Marks).**

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BOARD OF INTERMEDIATE EDUCATION, KARACHI

Paper Setting Scheme for

Annual & Bi Annual Examinations 2023 Examinations

Chemistry Paper – II

Science (Pre-Engineering & Pre-Medical Groups)

Section 'A':

Multiple Choice Questions (20%) *17 marks*

Multiple Choice Question must be covered complete Syllabus of Education

* *Each MCQs carry 1 mark*
* *Given MCQs will be = 17 MCQs*
* *All MCQs to be answered*

Section 'B':

Short Answer Questions (40%) *36 marks*

Short Answer Question must be given from the prescribed Syllabus all content are to be followed.

Fourteen **(14)** Short Answer Questions may be given, **(7 part questions in Organic Chemistry and 7 Part questions in Inorganic Chemistry)**. Each Question having **(4 Marks)**. In this Section Student shall attempt (**9 part Questions) 4 part questions from Organic Chemistry and 4 part questions from Inorganic Chemistry and 1 part questions from any one**.

Section 'C':

Detailed Answer Questions (40%) *32 Marks*

Detailed Answer Questions must be given from prescribed Syllabus all content are to be followed.

Four **(04)** Detailed Answer Questions may be given in this section (2 from Organic Chemistry and 2 from Inorganic Chemistry). The student shall attempt 1 question from Organic Chemistry and 1 question from Inorganic Chemistry are to be answered and each Question having **(16 Marks).**

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BOARD OF INTERMEDIATE EDUCATION, KARACHI

BOTANY PAPER-I

(XI –MODEL PAPER)

Annual Examination 2023 Modified (Science Pre-Medical Group)

Time Allowed: 2 hours **Total Marks: 45**

SECTION "A" (M.C.Q.s)

Time Allowed: 15 minutes **Max Marks: 09**

Q1. Choose the correct answer for each from the given option:

Note: This Section consists of **18 MCQs** and all are to be answered. each MCQ carry 0.5 marks.

1. Organelles other than the nucleus that contain DNA
   I. Ribosomes II. Chloroplast III. Mitochondria
   a. I only b. II only **c. II and III** d. I and II
2. Select the correct statement
   a. PS I and ATP synthase complexes are located in the appressed part of thylakoid.
   b. PS I and NADP reductase are located in the appressed part of thylakoid membrane.
   c. Appressed part contain NADP reductase and ATP synthase.
   d. Non appressed (non-stack) having PS I.

3. The Oxygen consumed during cellular respiration is involve directly in which process or events
   a. Glycolysis **b. Accepting electron at the end of electron transport chain**
   c. The citric acid cycle d. The oxidation of pyruvate to acetyle CoA
4. Bacteriophages escape from host cell by the activity of
   a. Lysozyme b. Ribozyme c. Peroxidase d. Reductase
5. When habitat conditions become harsh and nutrients are exhausted, the development in bacteria is initiated called
   a. Capsule b. Cell wall **c. Endospore** d. Mesosome
6. The most important cellulose degraders in ecosystem are
   a. Ascomycota b. Zygomycota c. Basidiomycota d. Deutromucota
7. Subdivision of Tracheophyta which does not contain true roots and leaves
   a. Lycopsida **b. Psilopsida** c. Pteropsida d. Sphenopsida
8. Which process involved in the promotion of flowering by cold treatment
   a. Photoperiodism **b. Vernalization** c. Secondary growth d. Transpiration
9. Guttation occurs through
   a. Lenticels **b. Hydathodes** c. Stomata d. Bark
10. Clarity of image is generally known as
    a. Magnification b. Contrast **c. Resolution** d. Sedimentation
11. Oxidative decarboxylation of isocitrate form
    a. α-Ketoglutarate b. Succinate c. Cis-Aconitated. Fumarate
12. Plant oxidizes sugar in chloroplast during day time without production of energy called
    a. C4 cycle **b. Photorespiration** c. C3 cycle d. Photophosphorylation
13. Some structure are smaller than virus having single stranded RNA with some double stranded regions called
    a. Viroids b. Prions c. Minus strand virus d. Double stranded DNA virus
14. Anaerobic bacteria produce all chemicals during respiration except
    a. Ethanol b. CO_2 **c. Water** d. Lactic acid
15. A typical structure of obligate parasite, specialized for fixation and absorption
    a. Flagella b. Pili **c. Haustoria** d. Root hairs
16. In banana tree, flowers are covered over by one or many large brackets called
    a. Spathes b. Spadix c. Capitulum d. Palea
17. The hydrostatic pressure in excess of atmospheric pressure is known as
    a. Water potential **b. Pressure potential** c. Osmotic potential d. Solute potential
18. Induction of flowering in response to the relative length of day and night is known as
    a. Photoperiodism b. Photophosphorylation c. Photorespiration d. Phototropism

BOARD OF INTERMEDIATE EDUCATION, KARACHI

BOTANY PAPER-I

(XI –MODEL PAPER)

Annual Examination 2023 Modified (Science Pre-Medical Group)

SECTION 'B'(SHORT-ANSWER QUESTIONS

Time: 1 hour 45 min **Max Marks: 18**

Q2. Attempt any 09 part questions. Each question carries TWO marks.

1. Why insectivorous plants use insects as food?
2. Why Chloroplast is said to be an energy converting organelle?
3. Describe the role and deficiency symptoms of Nitrogen and Potassium in plant.
4. Differentiate between Prokaryotes and Eukaryotes.
5. Why Photorespiration is considered as wasteful process?
6. Define followings:
   * Double Fertilization * Heterospory
7. What do you mean by bacterial growth? Describe its phases.
8. Why Protoctista considered as polyphyletic kingdom?
9. Give botanical name of any four of the following:
   *Wheat *Mako *Barley *Rice *Amaltas *Mulhethi
10. Describe the classification of bacteria on the basis of their shapes.
11. Draw a well labelled diagram of the followings:
    *Bacteriophage virus * Fern prothallus
12. How many ATP and NADPH requires to fix 1 carbon, 3 carbon, 6 carbon and 12 carbon?
13. What features allow fungi to survive in all environment where life is possible?
14. Why desert plants reduce their leaf size?

SECTION "C" (DETAILED-ANSWER QUESTIONS)

Max Marks: 18

Note: Attempt any three question from this section all question carries equal marks.

Q3. Explain structure and properties of Plasma membrane with diagram.

Q4. Describe light independent reaction (C_3 cycle) of photosynthesis in detail. OR Describe Tricarboxalic acid cycle (Kreb Cycle) in detail.

Q5. What are Growth regulators? Name and discuss five in detail. OR Discuss categorization of plants based on osmotic adjustment.

Q6. Explain the life cycle of Moss with the help of diagrams.

Q7. Define Bacteria, Describe structure of Bacteria with labelled diagram

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BOARD OF INTERMEDIATE, EDUCATION, KARACHI

BOTANY PAPER-II

(XII –MODEL PAPER)

Annual Examination 2023 Modified (Science Pre-Medical Group)

Time Allowed: 2 hours

Total Marks: 40

SECTION "A" (M.C.Q.s)

Time Allowed: 15 minutes

Max Marks: 08

Note: This Section consists of **16 MCQs** and all are to be answered, each MCQ carry 0.5 marks.

Q1. Choose the correct answer for each from the given option:

(i) Plants grows in salt marshes are called:
* Hydrophytes *** Halophytes** * Mesophytes * Xerophytes

(ii) Phototropic curvature is due to light effect on distribution of hormone:
***Auxin** * Gibberellin * Ethene * Cytokinins

(iii) In gymnosperms, megasporangium gives rise to:
* Fruit *** Seed** * Embryo sac * Endosperm

(iv) The multiple effect of single gene or allele are known as :
* Polygenic inheritance *Pleiotropy * Multiple allele *Epistasis

(v) *Mimosa pudica* shows following movement:
* Nyctinastic *** Seismonastic** * Photonastic * Thigmotropic

(vi) One complete turn of DNA contains ……… nucleotides
* 2 * 5 * 7 *** 10**

(vii) Which characteristic is not associated with diabetes mellitus
* Endocrine disorder * Insulin deficiency ***Low blood glucose** * Persistence thirst

(viii) Individual species level approach of ecology called:
* Synecology ***Autecology** *Ecological Niche * Succession

(ix) The diameter of stem and root increases due to:
* Intercalary meristem *** Lateral meristem** * Apical meristem * Superficial meristem

(x) In a cross, appearance of intermediate characters is known as
* Co dominance *** In complete dominance** * Epistatsis * Multiple allele

(xi) Down's syndrome is an example of
*** Trisomic** * Monosomic * Nullisomic * Disomic

(xii) In grassland biomes the rainfall is usually between:
*** 30 to 75cm** * Below 24 cm * 100-125cm * 125-150cm

(xiii) A diploid cell contains in its nucleus.
*** an even number of chromosomes** * an odd number of chromosomes * one copy of each homologues * either an even or an odd number of chromosomes

(xiv) Plants having staminate flower can't perform the following:
* Cross pollination ***Self Pollination** * Parthenocarpy * Double fertilization

(xv) Which triple base sequence do not decode isoleucine amino acid?
* AUU * AUC *AUA *** AUG**

(xvi) The Nitrogenous base present in RNA but not in DNA
* Adenine * Guanine * Cytocine *** Uracil**

BOARD OF INTERMEDIATE, EDUCATION, KARACHI

BOTANY PAPER-II

(XII –MODEL PAPER)

Annual Examination 2023 Modified (Science Pre-Medical Group)

SECTION 'B'(SHORT-ANSWER QUESTIONS

Time: 1 hour 45 min

Max Marks: 16

Q2. Attempt any 08 part questions. Each question carries TWO mark.

(i) Define Germination and its types in Angiosperms

(ii) What do you know about sickle cell anemia. OR Phenylketonuria

(iii) Define any two of the followings:
(a) Secondary growth (b) Sex chromosomes (c) Racemose inflorescence

(iv) Write name and types of RNA and their function.

(v) How do plants cope with high and low temperature?

(vi) What would be the phenotypic ratio, if a normal normal male is married with colour blind carrier female? Explain with checker board.

(vii) What are the effects of chemical mutagens on DNA?

(viii) (viii) Why ethene considered as fruit ripening hormone?

(ix) Why special type of forest named as temperate deciduous forest? Where are they found in Pakistan?

(x) How is Photonasty different from Phototropism?

(xi) Define linkage and crossing over.

(xii) Why Interphase is not considered as the resting stage in cell cycle?

(xiii) Differentiate between Co-Dominance and In-complete Dominance.

(xiv) Describe the role of light as an Abiotic factor in an ecosystem.

SECTION 'C' (DETAILED-ANSWER OUESTIONS)

Max Marks: 16

Note: Attempt any **two** questions from this section. All questions carry equal marks.

Q3. Define Meiosis. Explain the various stages of Prophase -I of meiosis with diagram.

Q4. What is Replication? Explain Watson and Crick Model of DNA with the help of diagram.

Q5. What are Phyto-hormones? Give name and also describe role of various Phyto-hormones in growth of plant **OR**

Name the Mendal's law based on di hybrid cross and explain it with the help of checker board.

Q6. Define succession. What do you mean by Primary and Secondary secession? Explain Hydrosere succession.

BOARD OF INTERMEDIATE EDUCATION, KARACHI

ZOOLOGY PAPER-I

NEW SCHEME FOR 2023

(Science Pre-Medical Group)

Total Duration: 02 Hours **Max Marks: 40**

Time Allowed: 20 Minutes SECTION "A" (M.C. Qs) 20%: 16 MCQs 08 Marks

16 MCQS from all zoology chapters mentioned in the New XI-Biology textbook and given in the new SLO of 2022 will be given.

Time: 1 Hour 40 MINUTES SECTION "B" 40% 16 Marks

NOTE: Attempt any FOUR Questions from Reasoning questions and FOUR from Nonreasoning questions. All questions carry equal marks.

Six questions will be given in the Reasoning section and Six will be given in the non-reasoning section.

SECTION "C" 40% 16 Marks

DESCRIPTIVE QUESTIONS

NOTE: Attempt any TWO questions. All questions carry equal marks. Draw a neat and labeled diagram where necessary.

Three Questions will be given from the zoology chapters as mentioned in the SLO of 2022 from the New XI-Biology textbook, and any ONE question in this section will have "OR" for another question.

BOARD OF INTERMEDIATE EDUCATION, KARACHI

ZOOLOGY PAPER-II

NEW SCHEME FOR 2023

(Science Pre-Medical Group)

Total Duration: 02 Hours **Max Marks: 45**

Time Allowed: 20 Minutes **SECTION "A" (M.C. Qs) 20%:** **18 MCQs 09 Marks**

18 MCQS from all zoology chapters mentioned in the XII-Biology textbook and given in the new SLO of 2017 will be given.

Time: 1 Hour 40 MINUTES SECTION "B" 40% 18 Marks

NOTE: Attempt any FIVE Questions from Reasoning questions and FOUR from Nonreasoning questions. All questions carry equal marks.

Seven questions will be given in the Reasoning section and Six will be given in the non-reasoning section.

SECTION "C" 40% 18 Marks

DESCRIPTIVE QUESTIONS

NOTE: Attempt any TWO questions. All questions carry equal marks. Draw a neat and labeled diagram where necessary.

Three Questions will be given from the zoology chapters as mentioned in the SLO of 2017 from the XII-Biology textbook, and any ONE question in this section will have "OR" for another question.

BOARD OF INTERMEDIATE EDUCATION KARACHI
ANNUAL EXAMINATION – 2023
ACCOUNTING
PAPER – I / II

Time: 3:00 Hours **Max. Marks: 100**

Paper scheme of XI for annual examinations – 2023 as per steering committee decision

SECTION – A (20%) – MULTIPULE CHOICE QUESTIOS
SECTION – B (40%) – SHORT ANSWERS QUESTIONS
SECTION – C (40%) – DETIALED ANSWER QUESTIONS

SECTION – A (20%) – (MULTIPULE CHOICE QUESTIOS) – 20 Marks

Q.1 Choose the correct answer from the given options and answer mark on **OMR SHHET.**

i)
ii)
iii)
↕
xx)

SECTION – B (40%) – SHORT ANSWERS QUESTIONS – 40 Marks

Answer any **FOUR** questions. All questions carry equal marks.

Q.2

Q.3

Q.4

Q.5

Q.6

Q.7

SECTION – C (40%) – DETIALED ANSWER QUESTIONS – 40 Marks

Answer any **TWO** questions. All questions carry equal marks.

Q.8

Q.9

Q.10

BOARD OF INTERMEDIATE EDUCATION KARACHI
ANNUAL EXAMINATION – 2023
PRINCIPLES OF COMMERCE
PAPER – I & II

Time: 3:00 Hours **Max. Marks: 75**

Paper scheme of xi and xii for annual examinations – 2023 as per steering committee decision

SECTION – A (20%) – MULTIPULE CHOICE QUESTIOS
SECTION – B (40%) – SHORT ANSWERS QUESTIONS
SECTION – C (40%) – DETIALED ANSWER QUESTIONS

SECTION – A (20%) – (MULTIPULE CHOICE QUESTIOS) – 15 Marks

Q.1 choose the correct answer from the given option and answer mark on **OMR SHHET.**

i)
ii)
iii)
↕
xv)

SECTION – B (40%) – SHORT ANSWERS QUESTIONS – 30 Marks

Q.2 Answer any SIX part questions. All part questions carry equal marks.

i)
ii)
iii)
↕
ix)

SECTION – C (40%) – DETIALED ANSWER QUESTIONS – 30 Marks

NOTES: Answer any TWO questions. All questions carry equal marks.

Q.3
Q.4
Q.5

BOARD OF INTERMEDIATE EDUCATION KARACHI

ANNUAL EXAMINATION – 2023

COMMERCE GROUP

BUSINESS MATHEMATICS

PAPER – I

Time: 2: 00 Hours **Max. Marks: 50**

Paper scheme of XI for annual examinations – 2023 as per steering committee decision

SECTION – 'A' (20%) – (MULTIPULE CHOICE QUESTIOS) – 10 Marks

Q.1 Choose the correct answer from the given option and answer mark on **OMR SHHET.**

i)
ii)
iii)
↕
x)

SECTION – 'B' (40%) – SHORT ANSWERS QUESTIONS – 20Marks

Q.2 Answer any **FIVE** part questions. All part questions carry equal marks.

i)
ii)
↕
viii)

SECTION – 'C' (40%) – DETIALED ANSWER QUESTIONS – 20 Marks

NOTE: Answer any **TWO** questions. All questions carry equal marks.

Q.4
Q.5
Q.6

بورڈ آف انٹرمیڈیٹ ایجوکیشن، کراچی
سالانہ امتحانات اور سالانہ دوم ۲۰۲۳ء میں ممتحن اور طلبہ وطالبات کے لیے اہم ہدایات

عربی (اختیاری پرچہ (اوّل)

حصّہ (الف) کثیر الانتخابی سوالات 20%

سوال نمبرا:۔ (۲۰ کثیر الانتخابی سوالات منتخب کرنے ہیں) نمبر (۲۰)

(کثیر الانتخابی سوالات پورے نصاب سے بنائے جائیں گے۔)

حصّہ (ب) مختصر جواب کے سوالات 40%

اس حصّے میں پندرہ (۱۵) مختصر سوالات دیئے جائیں گے، جن میں سے دس (۱۰) مختصر سوالات کے جوابات مطلوب ہونگے اور ہر سوال کے (۴) چار نمبر ہوں گے۔ تمام سوالات کے نشانات مساوی ہونگے۔

حصّہ (ج) تفصیلی جواب کے سوالات 40%

ایک سوال (۲) دو اقتباسات کا دیا جائے گا جس میں ایک اقتباس کا ترجمہ کروایا جائے گا اور اس کے دس (۱۰) نمبر دیئے جائیں گے۔

ایک سوال کتاب کے کم از کم تین اسباق سے آٹھ سوالات دیئے جائیں گیاوراس میں سے پانچ سوالات کرنا لازمی ہے۔ ہر سوال کے دو نمبر ہوں گے اور کل نمبر ۱۰ ہیں۔

ایک سوال (۲) دو اشعار کے بند جو کہ نصاب میں موجود نظموں سے دیئے جائیں گے جس میں ایک بند کا ترجمہ اور تشریح کروایا جائے گا اور اسے سات (۱۰) نمبر دیئے جائیں گے۔

ایک سوال اردو جملوں کا عربی زبان میں ترجمہ کرنے کے حوالے سے دیا جائے گا **یا** قواعد میں سے کسی ایک قاعدے کے متعلق معلوم کیا جائے گا اور اس سوال کے (۶) نمبر کے دیئے جائیں گے۔

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بورڈ آف انٹرمیڈیٹ ایجوکیشن، کراچی

سالانہ امتحانات ۲۰۲۳ء میں ممتحن اور طلبہ و طالبات کے لیے اہم ہدایات

عربی (اختیاری پرچہ (دوم)

حصّہ (الف) کثیر الانتخابی سوالات 20%

سوال نمبر ا:۔ (۲۰ کثیر الانتخابی سوالات منتخب کرنے ہیں) نمبر (۲۰)

(کثیر الانتخابی سوالات پورے نصاب سے بنائے جائیں گے۔)

حصّہ (ب) مختصر جواب کے سوالات 40%

اس حصّے میں پندرہ (۱۵) مختصر سوالات دیئے جائیں گے، جن میں سے دس (۱۰) مختصر سوالات کے جوابات مطلوب ہونگے اور ہر سوال کے (۴) چار نمبر ہوں گے۔ تمام سوالات کے نشانات مساوی ہونگے۔

حصّہ (ج) تفصیلی جواب کے سوالات 40%

ایک سوال (۲) دو اقتباسات کا دیا جائے گا جس میں ایک اقتباس کا ترجمہ کروایا جائے گا اور اس کے سات (۱۰) نمبر دیئے جائیں گے۔

ایک سوال (۲) دو اشعار کے بند جو کہ نصاب میں موجود نظموں سے دیئے جائیں گے جس میں ایک بند کا ترجمہ اور تشریح کروایا جائے گا اور اسے سات (۷) نمبر دیئے جائیں گے۔

ایک سوال کتاب کے کم از کم تین اسباق سے آٹھ سوالات دیئے جائیں گے اور اس میں سے پانچ سوالات کرنا لازمی ہے۔ ہر سوال کے (۲) نمبر ہوں گے اور اور کل نمبر ۱۰ ہوں گے۔

ایک سوال مضمون کسی ایک عنوان پر عربی زبان میں تحریر کروایا جائے اور اسے کے چھ (۱۰) نمبر دیئے جائیں گے۔ مضمون تقریباً ۱۰ سے ۱۲ سطور پر مشتمل ہو۔

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Scheme & the Structure for Paper Setting work for Annual Examinations 2023

Civics Paper-I & II

For Humanities **(Regular & Private Groups)**

Duration: 3 hours ***Marks: 100***

Section 'A':

Multiple Choice Questions (20%) ***20 marks***

Multiple Choice Question must be covered complete Syllabus of Civics

* *Each MCQs carry 1 mark*
* *Given MCQs will be = 20 MCQs*
* *All MCQs to be answered*

Section 'B':

Short Answer Questions (40%) ***40 marks***

Short Answer Question must be given from the prescribed Syllabus all content are to be followed.

Twelve **(12)** Short Answer Questions given Each Question having **(5 Marks)**. In this Section Student shall attempt (**8 Questions)** from the given **(12 Short Answer Questions)**.

Section 'C':

Detailed Answer Questions (40%) ***40 Marks***

Detailed Answer Questions must be given from prescribed Syllabus all content are to be followed.

Seven **(07)** Detailed Answer Questions have been given and ***(04 Questions)*** are to be answered and each Question having **(10 Marks).**

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بورڈ آف انٹرمیڈیٹ ایجوکیشن، کراچی

سالانہ امتحانات ۲۰۲۳ء میں ممتحن اور طلبہ وطالبات کے لیے اہم ہدایات

اسلامک اسٹڈیز پرچہ (اوّل)

حصّہ (الف) کثیر الانتخابی سوالات 20%

سوال نمبرا:۔ (۲۰ کثیر الانتخابی سوالات منتخب کرنے ہیں) نمبر (۲۰)

(کثیر الانتخابی سوالات پورے نصاب سے بنائے جائیں گے۔)

حصّہ (ب) مختصر جواب کے سوالات 40%

اس حصّے میں بارہ (۱۲) مختصر سوالات دیئے جائیں گے، جن میں سے آٹھ (۸) مختصر سوالات کے جوابات مطلوب ہونگے اور ہر سوال کے (۵) پانچ نمبر ہوں گے۔ تمام سوالات کے نشانات مساوی ہونگے۔ نمبر (۴۰)

حصّہ (ج) تفصیلی جواب کے سوالات 40%

اس حصّہ میں چھ سوالات دیئے جائیں گے ہر سوال کے (۱۰) دس نمبر ہونگے اور (۴) چار سوالات کے جوابات مطلوب ہونگے۔ نمبر (۴۰)

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بورڈ آف انٹرمیڈیٹ ایجوکیشن، کراچی

سالانہ امتحانات ۲۰۲۳ء میں ممتحن اور طلبہ وطالبات کے لیے اہم ہدایات

اسلامک اسٹڈیز پرچہ (دوم)

حصّہ (الف) کثیر الانتخابی سوالات 20%

سوال نمبر ۱:۔ (۲۰ کثیر الانتخابی سوالات منتخب کرنے ہیں) نمبر (۲۰)

(کثیر الانتخابی سوالات پورے نصاب سے بنائے جائیں گے۔)

حصّہ (ب) مختصر جواب کے سوالات 40%

سوال نمبر ۲: اس حصّے میں بارہ (۱۲) مختصر سوالات دیئے جائیں گے، جن میں سے آٹھ (۸) مختصر سوالات کے جوابات مطلوب ہونگے اور ہر سوال کے (۵) پانچ نمبر ہوں گے۔ تمام سوالات کے نشانات مساوی ہوں گے۔ نمبر (۴۰)

حصّہ (ج) تفصیلی جواب کے سوالات 40%

سوال نمبر ۳: اس سوال میں (۴) قرآنی آیات دی جائیں گی اور دو (۲) قرآنی آیت کا ترجمہ اور تشریح مطلوب ہوگی اور اس کے کے نشانات (۲۴=۱۲+۱۲) ہوں گے۔ نمبر (۲۴)

سوال نمبر ۴: اس سوال میں (۴) چار احادیث مبارکہ دی جائیں گی جس میں (۲) دو احادیث کا ترجمہ و تشریح لکھیں گے اور اس کے نشانات (۱۶=۸+۸) ہوں گے۔ نمبر (۱۶)

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BOARD OF INTERMEDIATE EDUCATION, KARACHI

Scheme & the Structure for Paper Setting work for ***Annual Examinations 2023***

Education Paper-I & II

For Humanities **(Regular & Private Groups)**

Duration: 3 hours ***Marks: 100***

Section 'A':

Multiple Choice Questions (20%) ***20 marks***

Multiple Choice Question must be covered complete Syllabus of Education

* *Each MCQs carry 1 mark*
* *Given MCQs will be = 20 MCQs*
* *All MCQs to be answered*

Section 'B':

Short Answer Questions (40%) ***40 marks***

Short Answer Question must be given from the prescribed Syllabus all content are to be followed.

Twelve **(12)** Short Answer Questions given Each Question having **(5 Marks)**. In this Section Student shall attempt (**8 Questions)** from the given **(12 Short Answer Questions)**.

Section 'C':

Detailed Answer Questions (40%) ***40 Marks***

Detailed Answer Questions must be given from prescribed Syllabus all content are to be followed.

Seven **(07)** Detailed Answer Questions have been given and ***(04 Questions)*** are to be answered and each Question having **(10 Marks).**

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BOARD OF INTERMEDIATE EDUCATION, KARACHI

*Scheme & the Structure for Paper Setting work for **Annual Examinations 2023***

Islamic History Paper-I & II

*For Humanities **(Regular & Private Groups)***

Duration: 3 hours ***Marks: 100***

Section 'A':

Multiple Choice Questions (20%) ***20 marks***

Multiple Choice Question must be covered complete Syllabus of Civics

* *Each MCQs carry 1 mark*
* *Given MCQs will be = 20 MCQs*
* *All MCQs to be answered*

Section 'B':

Short Answer Questions (40%) ***40 marks***

Short Answer Question must be given from the prescribed Syllabus all content are to be followed.

Twelve **(12)** Short Answer Questions given Each Question having **(5 Marks)**. In this Section Student shall attempt (**8 Questions)** from the given **(12 Short Answer Questions)**.

Section 'C':

Detailed Answer Questions (40%) ***40 Marks***

Detailed Answer Questions must be given from prescribed Syllabus all content are to be followed.

Seven **(07)** Detailed Answer Questions have been given and ***(04 Questions)*** are to be answered and each Question having **(10 Marks).**

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BOARD OF INTERMEDIATE EDUCATION, KARACHI

Scheme &the Structure for Paper Setting work for Annual Examination, 2023

Outlines of Home Economics (XI Year)
For Humanities (Regular Group)

Duration: 3 hours Marks: 70

SECTION - A

20 Minutes **Multiple Choice Questions (20%)** **14 Marks**

Multiple Choice Questions must be covered complete syllabus of Outlines of Home Economics.

- Total **14 MCQs** will be given.
- Each MCQs carry **1 mark**.
- All MCQs to be answered.

SECTION - B

70 Minutes **Short Answer Questions (40%)** **28 Marks**

Short Answer Questions must be given from the prescribed syllabus of Outlines of Home Economics, all contents are to be followed:

- Total **Ten (10)** Short Answer Questions will be given.
- Each question having **Four (04) Marks** and a question solving expected duration is Ten (10) Minutes.
- In this section student shall attempt **Seven (07)** Questions from the given Ten (10) Short Answer Questions.

SECTION - C

90 Minutes **Detailed Answer Questions (40%)** **28Marks**

Detailed Answer Questions must be given from the prescribed syllabus of Outlines of Home Economics, all contents are to be followed:

- Total **Four (04)** Detailed Answer Questions will be given.
- Each question having **Seven (14) Marks** and a question solving expected duration is Thirty-five (45) Minutes.
- In this section student shall attempt **Two (02)** Questions from the given Four (04) Detailed Answer Questions.

BOARD OF INTERMEDIATE EDUCATION, KARACHI

Scheme &the Structure for Paper Setting work for Annual Examination, 2022

Outlines of Home Economics (XII Year)
For Humanities (Regular Group)

Duration: 3 hours Marks: 70

SECTION - A

20 Minutes **Multiple Choice Questions (20%)** **14 Marks**

Multiple Choice Questions must be covered complete syllabus of Outlines of Home Economics (both sections i.e. **Food & Nutrition and Clothing & Textile**).

- Total **14 MCQs** will be given.
- Each MCQs carry **1 mark**.
- All MCQs to be answered.

SECTION - B

70 Minutes **Short Answer Questions (40%)** **28 Marks**

Short Answer Questions must be given from the prescribed syllabus of Outlines of Home Economics (both sections i.e. **Food & Nutrition and Clothing & Textile**), all contents are to be followed:

- This section contains **Two Sub Section**, **Food & Nutrition** and **Clothing & Textile.**
- Total **Ten (10)** Short Answer Questions will be given (**Five (05)** from **Food & Nutrition** and **Five (05)** from **Clothing & Textile**).
- Each question having **Four (04) Marks** and a question solving expected duration is Ten (10) Minutes.
- In this section student shall attempt **Seven (07)** Questions from the given Ten (10) Short Answer Questions. Students must attempt **Three (03)** questions from **Food and Nutrition** and **Three (03)** questions from **Clothing & Textile** section.

SECTION - C

90 Minutes **Detailed Answer Questions (40%)** **28 Marks**

Detailed Answer Questions must be given from the prescribed syllabus of Outlines of Home Economics, (both sections i.e. **Food & Nutrition and Clothing & Textile**), all contents are to be followed:

- This section also contains **Two Sub Section**, **Food & Nutrition** and **Clothing & Textile.**
- Total **Four (04)** Detailed Answer Questions will be given (**Two (02)** from **Food & Nutrition** and **Two (02)** from **Clothing & Textile**).
- Each question having **Seven (14) Marks** and a question solving expected duration is Thirty-five (45) Minutes.
- In this section student shall attempt **Two (02)** Questions from the given Four (04) Detailed Answer Questions. Students must attempt **One (01)** question from **Food and Nutrition** and **One (01)** questions from **Clothing & Textile** section.

BOARD OF INTERMEDIATE EDUCATION, KARACHI
Paper Setting Scheme for
Annual & Bi Annual Examinations 2023 Examinations
Health & Physical Education Paper – I & II
Humanities Group (Regular)

Section 'A':

Multiple Choice Questions (20%) *17 marks*

Multiple Choice Question must be covered complete Syllabus of Education

* *Each MCQs carry 1 mark*
* *Given MCQs will be = 17 MCQs*
* *All MCQs to be answered*

Section 'B':

Short Answer Questions (40%) *34 marks*

Short Answer Question must be given from the prescribed Syllabus all content are to be followed.

Thirteen **(13)** Short Answer Questions given Each Question having **(3 Marks)**. In this Section Student shall attempt (**10 Questions)** from the given **(15 Short Answer Questions)**.

Section 'C':

Detailed Answer Questions (40%) *30 Marks*

Detailed Answer Questions must be given from prescribed Syllabus all content are to be followed.

Five **(05)** Detailed Answer Questions may be given in this section and ***(03 Questions)*** are to be answered and each Question having **(10 Marks).**

There will be no part questions in this section.

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BOARD OF INTERMEDIATE EDUCATION, KARACHI

Paper Setting Scheme for Annual 2023 Examinations

Subject : Library Science – I

Section A: MCQs (20% of 80marks = 16 marks)

- Each MCQs carry 1 mark.

Section B: Short Answers Question (40 % of 80 = 32 marks)

- Given = 13 Questions.
- To Attempt = 8 Question (8 x 4 = 32marks)
- Each question carry 4 marks.

Section C: Detailed Answer Questions (40 % of 80 = 32 marks)

- Given = 3 Questions.
- To Attempt = 2 Questions (2 x 16 = 32 marks)
- Each question carry 16 marks.

Total Marks:

Section A = 16 marks Section

B = 32 marks Section

C = 32 marks

Total = 80 marks

BOARD OF INTERMEDIATE EDUCAITON, KARACHI

Paper Setting Scheme for Annual 2023 Examinations

Subject : Library Science – II

Section A: MCQs (20 % of 80marks = 16 marks)

- Each MCQs carry 1 mark.

Section B: Short Answers Question (40 % of 80 = 32 marks)

- Given = 13 Questions.
- To Attempt = 8 Question (8 x 4 = 32marks)
- Each question carry 4 marks.

Section C: Detailed Answer Questions (40 % of 80 = 32 marks)

- Given = 3 Questions.
- To Attempt = 2 Questions (2 x 16= 32 marks)
- Each question carry 16 marks.

Total Marks:. Section A = 16 marks

Section B = 32 marks

Section C = 32 marks

Total = 80 marks